AMAZ

Identifying socio economic levers for a sustainable provision of ecosystem services in deforested Amazonian landscapes

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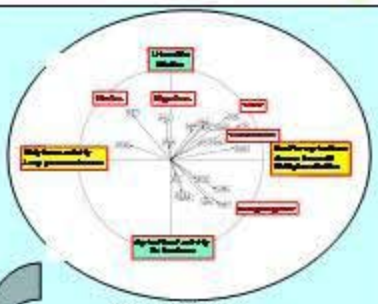
Brasil : UFRA, Belem; UFPA, NEAF Belem ; LAET Altamira; LASAT Maraba); MPEG
Colombia : Universidad de la Amazonia (Florencia, Caqueta); CIAT, Cali; Universidad del Valle, Cali; UTC Pereira (Risaralda), UNAL (Palmira).



SOCIOECO
11 socioecocomical types

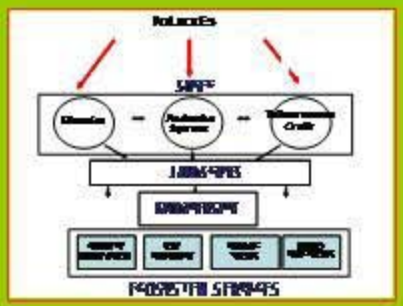
LANDSCAPE
6 maps; 27 units; 23 metrics

BIODIVERSITY
7 groups

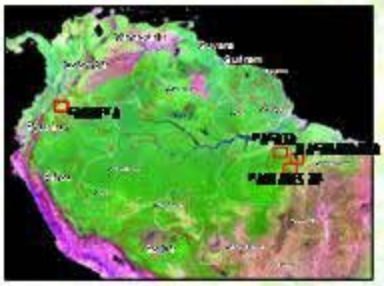
C sequestration
Hydrological functions
Soil Fertility

ECOSYSTEM SERVICES
Participative Indicators

OBJECTIVES : Identify socio economiclevers for a sustainable use of deforested Amazonian areas



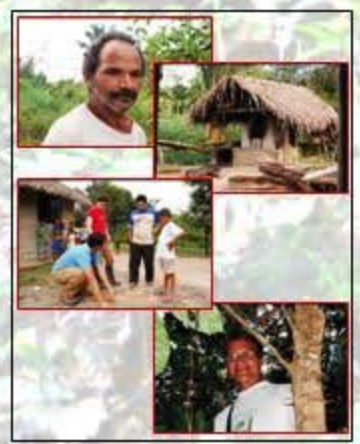
APPROACH : Scientific (statistical model)and local Knowledge combined in a Multi Agent Modeling of scenarios



STUDY SITES:

- 306 farms from 2 countries (Colombia, Caqueta and Brasil, Para)
- 6 landscape windows with different colonisation ages and histories;
- 3 sub windows; 17 farms in each window

Exchange of knowledge
Participative Indicators
Multi Agent Model



Scenarios

Statistical model

Local knowledge

OUTCOME :

Improve natural resource use efficiency, Reduce deforestation and improve livelihoods